ECS Configuration Change Request

1. Originator Guy Swope	2. Log Date: 11/5/98	3. CCR #: 98-1156	4. Rev: —	5. Tel: 301-925-0515	6. Off:	7. Org. RSC DEV

8. Title of Change: Install of freeware required for installation of the V0 Web Client in the EDF

9. Originator Signature	10. Date: 11/4/98	11. Class IN	12. Type: CCR	13. Need Date: 11/17/98	
14. Office Manager Signature	15. Date: 11:4-98	16. Date CCB Decision Needed: 11/6/98		17. Category of Change: EDF	18. Priority: Urgent
19. Documentation/Drawings Impacted: —		20. Schedule Impact: 4PY developmen		21. CI(s) Affected: V0 Client	
22. Release Affected: Drop 4PY	23. Date due to Customer:	24. Impl. Date: 11/5/98		25. Effectivity of Change:	26. Est. Cost None

27. Source Reference: ☐NCR (attach) ☒Action Item ☐ GSFC CCR ☐Tech Ref. ☒Other:
Refer to URL describing the installation requirements for the V0 Web Client at AC Item 98-0576
http://lyta.gsfc.nasa.gov/~imsdev/dev/manuals/imsdesign_preflight.html ,

28. Description of Change: (use additional Sheets if necessary)
A number of freeware packages need to be installed in order for the V0 Web Client to be installed on EDF machines:
1) WAIS 0.5
2) GDBM 1.5
3) Apache HTTPD
4) Perl 5.004
All of these need to be accessible to the sun workstation dms2 upon which the V0 Web Client will be installed.

29. Proposed Solution: (use additional sheets if necessary)
Suggest installing WAIS in /tools/freeWAIS-0.5-Solaris, GDBM in /tools/gdbm-1.7.3, Apache HTTPD in /tools/httpd_1.5.2a-export and Perl version 5.004 in /tools/bin (Perl versions 4.036 and 5.003 already exist there). We will need RTSC support for this as root privilige will be needed for the installation into these directories.
Also, the HDF libraries need to be installed from Clearcase (/ecs/cots/hdf/sun5/HDF4.1r1) into the dms2 host's /usr/ecs/COTS/HDF4.1r1 directory. In addition, a link must be created on dms2 called /usr/local/src/HDF, which points to the HDF directory (/usr/ecs/COTS/HDF4.1r1) on dms2.

30. Alternate Solution: (use additional sheets if necessary)
Alternative solution might be to install these libraries only on dms2, and not under /tools. This would be a disadvantage however, because if at a later time we feel we need to install the V0 Web Client on other hosts in the EDF, we would need to install those libraries on those hosts as well. The other obvious disadvantage is having to use additional disk space etc.

31. Consequences if Change(s) are not approved: (use additional sheets if necessary)
If we cannot install the libraries needed by the V0 Web Client we would be unable to test the new V0 Gateway capabilities being developed for Option A+. The only way to test would be to have the V0 Client developers set up V0 Web Clients at their site for each of our developers that need a separate version of the V0 Web client to run their unit tests as well as for different modes in the labs.

32. Does Change Affect Any of the following (Please Explain on additional sheet):
☐Maintenance Training ☐Performance ☐Operation Training ☐Safety ☐Service ☒Support ☒Test
☐Baseline (XRP) ☐Y2K Compliance

33. Organization(s) Affected: ☐CM ☐Clearcase SG ☐Contracts ☐Chief Eng ☐FOS ☐M&O
☐QO ☒Rel Dev ☐Procurement ☒RTSC ☐Sci. Data Eng ☐Security
☐Sys. Dev. ☐Sys. Eng. ☐Sys Verf Acpt ☐Other

34. Site(s) Affected: ☒EDF ☐Mini-DAAC ☐VATC ☐EDC ☐GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐Other

35. Board Comments: AC-98-0576 @	36. Work Assigned To: RTSC

37. Release Authorized (For CM Use Only): ☐Yes ☐ No | **38. CM Verified/Signature and Date**

39. EDF/REL2 CCB Chair (Sign/Date): 11/6/98	40. Disposition: ☒App ☐Ap/C ☐DisApproved ☐Withdraw ☐Fwd/ECS ☐Fwd/ESDIS	41. ESDIS ERB Concurrence:
42. ECS CCB Chair (Sign/Date):	43. Disposition: App☐ A/C☐ DisApproved☐ Withdraw☐	44. CCR Closed Date:

CM01 August 27, 1998

ECS/EDF/REL2 CCB

ORIGINAL 11/5/98